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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/673,263
Filing Date	September 30, 2003
First Named Inventor	Alireza Shirvani et al.
Art Unit	2618
Examiner Name	Adeel Haroon
Attorney Docket Number	MP0332

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☒ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ After Allowance Communication to
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Appeals and Interferences☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
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The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Harness, Dickey & Pierce, P.L.C.

Signature

Printed name

Michael D. Wiggins

Date

September 25, 2007

Reg. No.

34,754

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September 25, 2007

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EM 061 813 723 US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/673,263
Filing Date: September 30, 2003
Applicants: Alireza Shirvani et al.
Group Art Unit: 2618
Examiner: Adeel Haroon
Title: SYSTEM AND METHOD FOR CONTROLLING TRUE
OUTPUT POWER OF A TRANSMITTER
Attorney Docket: MP0332

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AMENDMENT

Sir:

In response to the Office Action mailed July 2, 2007, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 37 of this paper.

a current mirror for mirroring the output current of the power amplifier, wherein the mirrored output current is scaled using a predetermined current scaling ratio;

a power detector in communication with the voltage detector and the current detector for detecting a true output power delivered by the power amplifier,

wherein the power detector comprises a multiplier for multiplying the current signal and the voltage signal to generate a power signal,

wherein the power signal is proportional to the true output power delivered by the power amplifier; and

a power controller in communication with the power detector and the power amplifier for controlling the power amplifier to regulate the true output power delivered by the power amplifier based on the power signal,

wherein the power controller generates a control signal associated with the power signal, and

wherein the control signal is configured to vary the true output power delivered by the power amplifier,

wherein the power controller comprises:

a comparator for comparing the power signal with at least one predetermined threshold,

wherein the power controller generates the control signal based upon the comparison of the power signal with the at least one predetermined threshold.